# Product information

Version 1.0

Description

Attachment

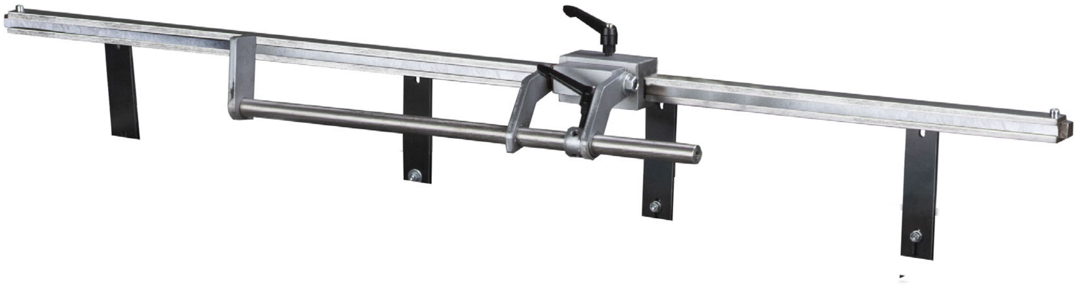
Ersatzteile - Spare parts

Mounting example

## Material stop

## LMS-1M 3383841

## LMS-2M 3383842

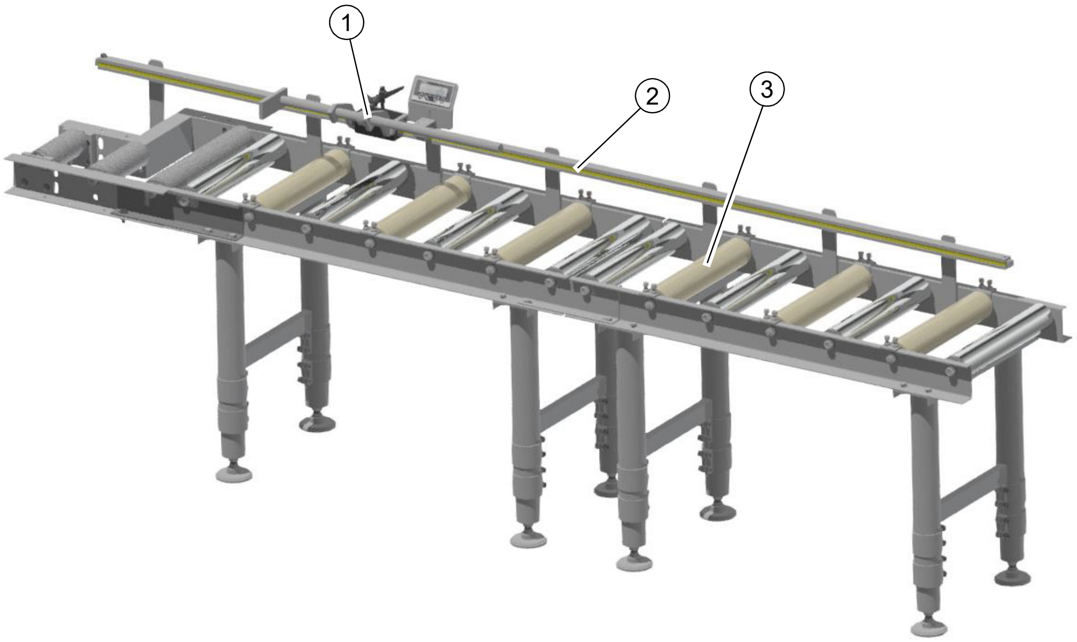


# 1 Material stop

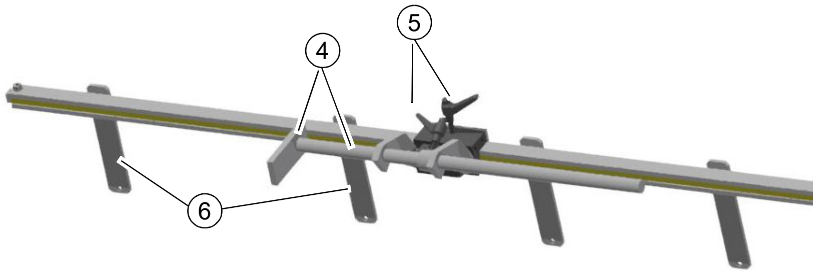
## 1.1 Description

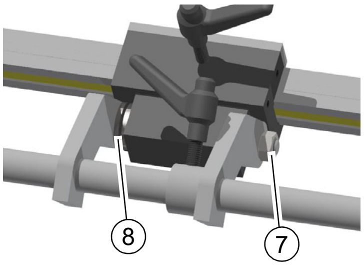
The material stops LMS-1M and LMS-2M (1) serve as attachable analogue measuring systems on roller stands (3). The metric scale tape (2) can be replaced by a magnetic tape to obtain a digital, incremental system. The metric ruler tape (2) in the length scale can be replaced by a magnetic tape to obtain a digital, incremental system with digital display.

Example:



The stop (4) with stop rod and stop guide can be clamped with the levers (5). The fixing brackets (6) with the fixing hole already included are used for fixing to your roller stand. The height of the stop rod is adjusted with the nuts (7) and supporting spring washers (8) .





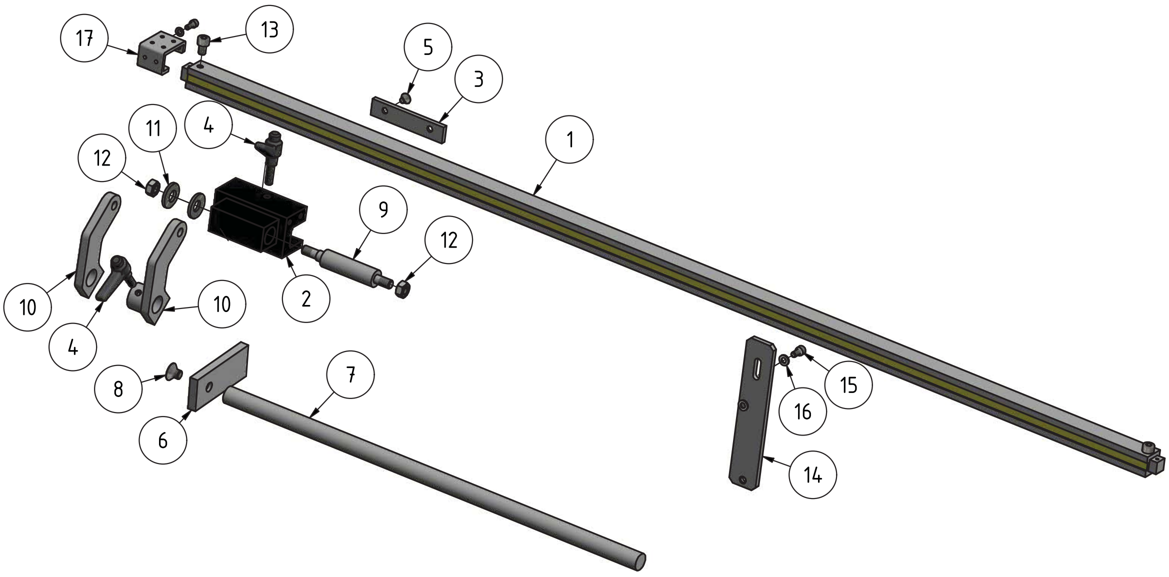
Lengths: LMS-1M has a length of one meter. LMS-2M has a length of two meters.

## 1.2 Attachment

Fasten the length measuring system to the roller stand with the aid of the fixing brackets so that an absolute measuring system is obtained. The metric scale should reflect the actual distance to your zero point.

## 1.3 Ersatzteile - Spare parts

LMS-1M - LMS-2M

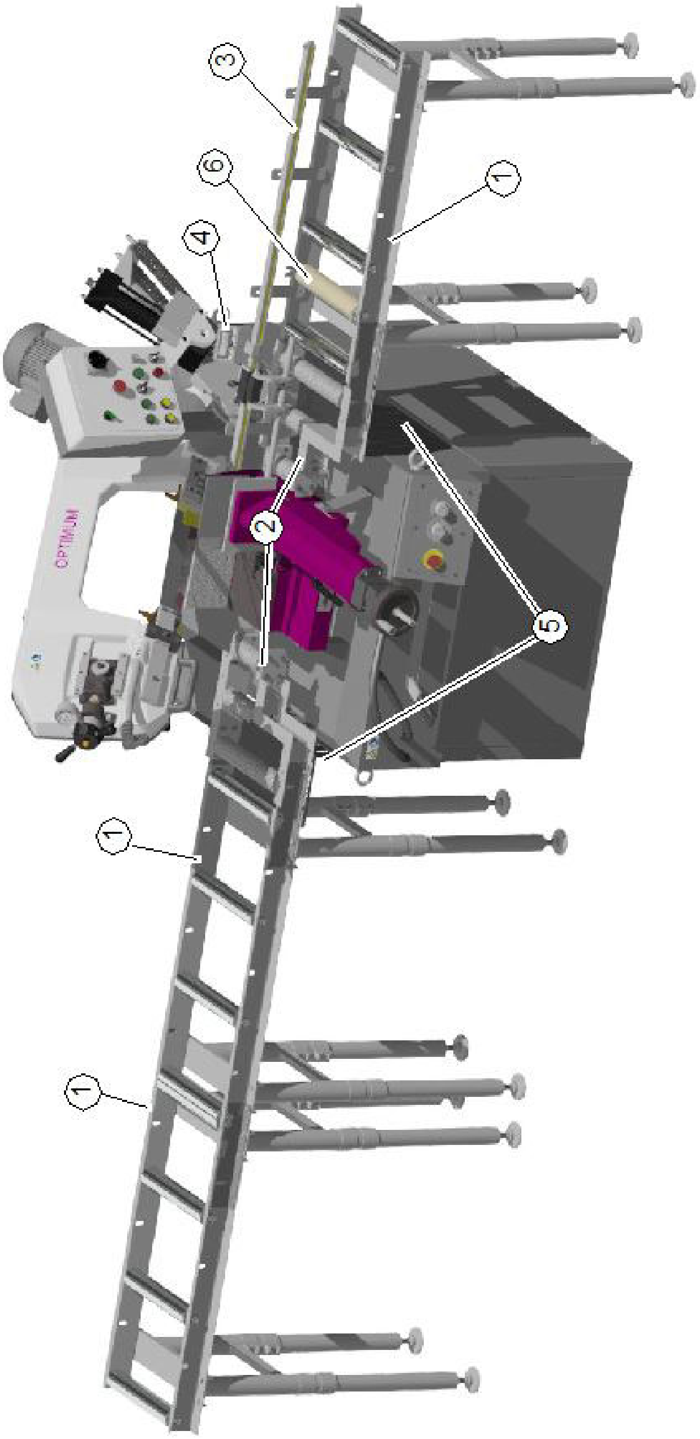


### 1.3.1 Ersatzteile - Spare parts - LMS-1M - LMS-2M

| Pos. | Bezeichnung | Description | Menge Qty. | Grösse Size | Artikelnummer Item no. | |
|---|---|---|---|---|---|---|
| | | | | | LMS-1M | LMS-2M |
| 1 | Führung-Maßskala | Guide dimension scale | 1 | | 0338384101 | 0338384201 |
| 2 | Halter-Grundkörper | Holder basic body | 1 | | 0338384102 | |
| 3 | Halterplatte | Holder plate | 1 | | 0338384103 | |
| 4 | Klemmhebel | Clamping lever | 2 | | 0338384104 | |
| 5 | Schraube | Screw | 2 | DIN 7991 - M6x8 | | |
| 6 | Anschlagplatte | Limit stop plate | 1 | | 0338384106 | |
| 7 | Anschlagstange | Limit stop stange | 1 | | 0338384107 | |
| 8 | Schraube | Screw | 1 | DIN 7991 - M10x12 | | |
| 9 | Halterbolzen | Holder bolt | 1 | | 0338384109 | |
| 10 | Halter | Holder | 2 | | 0338384110 | |
| 11 | Scheibe | Washer | 2 | DIN 6796 - 12 | | |
| 12 | Sechskantmutter | Hexagon nut | 2 | ISO 4032 - M10 | | |
| 13 | Innensechskantschraube | Socket head screw | 2 | ISO 4762 - M8 x 12 | | |
| 14 | Halterung | Holder | 1 | | 0338384114 | |
| 15 | Innensechskantschraube | Socket head screw | 1 | ISO 4762 - M6 x 12 | | |
| 16 | Scheibe | Washer | 1 | DIN 125 - A 6,4 | | |
| 17 | Verbindungsstück | coupler | 1 | | 0338384117 | |

## 1.4 Mounting example

- 3 x MSR4 (1) ; 2 x MSR1 (2) ; 1 x LMS-1M (3) ; 1 x DRO (4) ; 2 x Connection plate (5) ; 1 x PVC roll (6)

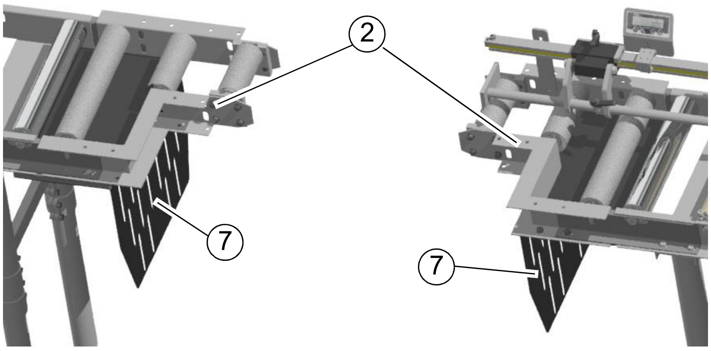


The example shows a metal band saw SD351AV with universal roller stand MSR4. Depending on the possibility of turning the saw bow and moving the vice, the required mounting distance between the MSR1 and your metal band saw can change in all directions.

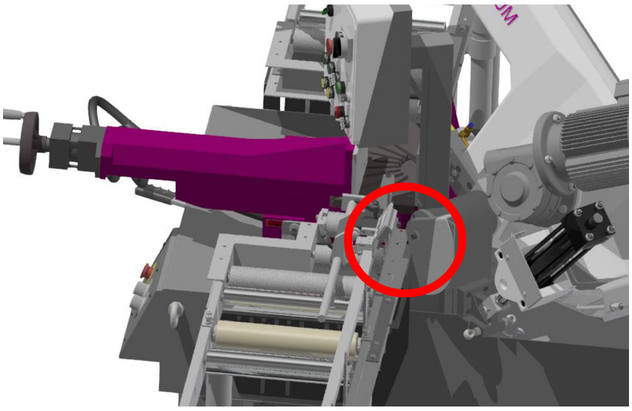
An additional PVC roller (6) at the outlet is also suitable for shortening the roller distance for short sawn parts.

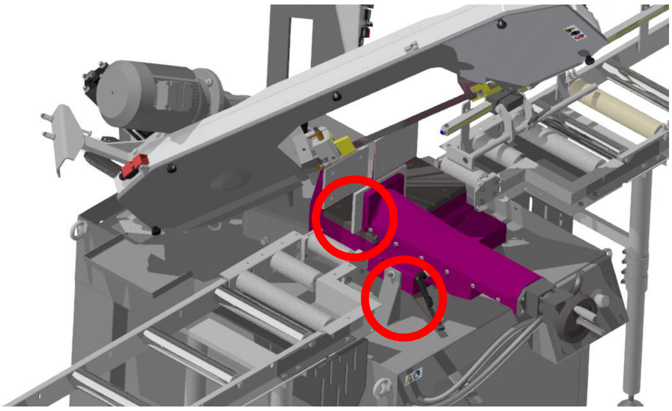
### MSR4 with MSR1

The table extension MSR1 (2) can be assembled according to the intended use for left and right-hand use. The connecting plates (7) are used to attach the roller conveyors to the metal band saw. In some cases, the connection plate can cover the type plate of a saw. In this case, photograph the type plate with the serial number beforehand and attach the photo, e.g. to the operating manual of the metal band saw.



Before attaching the connection plates, check whether the possible working area of the respective metal band saw is free. The possible swivel range of the metal band saw with add-on parts and the possible movement range of the machine vice with add-on parts are the fault points.

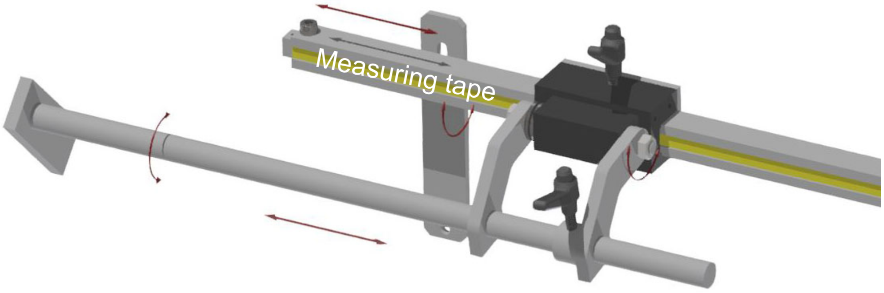


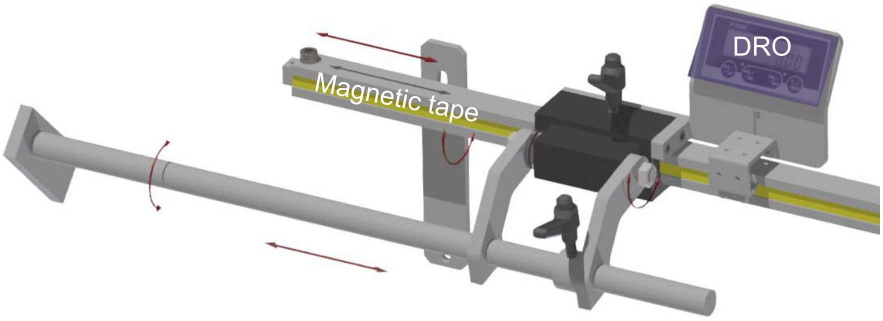


### MSR4 with LMS-1M

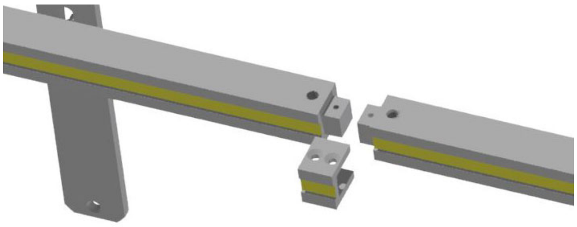
The material stops LMS-1M and LMS-2M serve as analogue measuring systems that can be attached to universal roller stands. The metric scale tape in length scale can be replaced by a magnetic tape to obtain a digital incremental system with DRO (4). For this purpose, the analog measuring tape must first be removed. The magnetic tape is then inserted into this area.

The adjustable stop can be used as an absolute measuring system in conjunction with the analogue measuring tape in length scale. In order to obtain an absolute measuring system, the adjustable stop can be adjusted in many ways.





The LMS-2M is equipped with a 2 meter tape measure. The LMS-1M and LMS-2M, for example, can be assembled for any measuring systems with a length of more than 2 metres that may be required. For this purpose, a digital measuring system with magnetic tape is to be used instead of the analogue measuring tape in order to obtain a continuous measuring system over the entire length. Any excess length of the 3 metre scale that may not be required can be achieved by shortening the LMS-1M or LMS-2M by cutting or sawing.



Metal band saw with universal roller stand, adaptable, shortenable, changeable, depending on the requirements of your metal band saw.